



2570Hydroxyl Acrylic Resin (Technical Data Sheet)

【Features】

- High Gloss
- High Fullness
- High Hardness
- Good Solvent Resistance

【Uses】

- Topcoat for Metal and Plastic
- Automotive Refinish Paint

【Product Performance】

Properties	Range	Method
Composition:	Acrylic Acid Copolymer	
Appearance:	Pale Yellow Transparent Liquid (GB/T 1721)	
Color Value:	< 1# (Fe-Co) (GB/T 1722)	
Viscosity:	2000~3500mPa. s/30℃ (GB/T 7193)	
Solid Content:	70±2% (GB/T 1725)	
Acid Value:	3~7mgKOH/g (GB/T 6743)	
OH Value:	155(solid state)	
OH %:	4.7%(solid state) (GB/T 2709-95)	
Solvent:	100# Solvent/Butyl Acetate	

【Thinner】

Petroleum Solvent Oil	○	Methyl Ethyl Ketone	●
Toluene	●	Methyl Isobutyl Ketone	●
Xylene	○	PGMEA	●
Solvent Oil 150	○	Ethyl Acetate	●
Acetone	●	Butyl Acetate	●
●=Infinite Dilution	○=Limited Dilution		
○=Large Scale Dilution	○=Very limited		

【Miscibility】

AC1012	●	AK2380B	●
AC1011	●	ACR6765	●
●=Complete Miscibility	○=Partial or Limited Miscibility		

Note:The mixing ratio of 2570 to the above-mentioned resins is 1:1. When mixing with resins, additives, etc. from our company or other companies, please first test the resin Compatibility.

【Reference Formula】

PU Varnish		
Component A:	2570	71.6
	BYK306	0.1①
	BYK358	0.3②
	T-12	0.1③
	Xylene	12
	Butyl Acetate	7.9
	PMA	8
		100
Component B:	Curing Agent N3390	31
Thinner :	Toluene/Xylene/Butyl Acetate/Methyl Ethyl Ketone/PMA/S-100# =10 / 30 / 35 / 10 / 5 / 10	
Paint Mixing Ratio:	Component A/Component B/Thinner=100/31/50~100	
Note:	①: Silicone Leveling Agent ②: Acrylate-based Leveling Agent ③Organotin Drier	

【Storage】

The product is packed in sealed containers. It is recommended to store it at a temperature range of 0~40℃ in a cool place, protected from sunlight and rain, and away from sources of ignition. The shelf life of this product is 12 months from the date of production. When the temperature drops below 0℃ in winter, it should be protected from frost. Please conduct necessary tests before use.

【Packaging】

Net Weight:200KG/Drum